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**From:** Roberto, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=03B404E8E7AC498C89F498300B65795B-ROBERTO, JOSEPH]  
**Sent:** 6/3/2019 3:13:01 PM  
**To:** Chung, Angela [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b3e49fcb1ad46f1bdbe92ebb4936350-Chung, Angela]; Opalski, Dan [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=8b5ed6410d934bf699a008a252791a55-Opalski, Dan]  
**Subject:** RE: Warm Springs Water Treatment- Boil Water Notice issued- Major loss of Pressure in the system

I am not exactly sure either. I will chat with Ricardi and figure this out.

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**From:** Chung, Angela  
**Sent:** Friday, May 31, 2019 1:43 PM  
**To:** Opalski, Dan <Opalski.Dan@epa.gov>; Roberto, Joseph <Roberto.Joseph@epa.gov>  
**Subject:** RE: Warm Springs Water Treatment- Boil Water Notice issued- Major loss of Pressure in the system

If you two have already discussed, please let me know. I have the same question as Dan Ex. 6 Personal Privacy (PP)  
Ex. 6 Personal Privacy (PP)

Angela Chung  
Associate Director, Water Division  
U.S. Environmental Protection Agency  
1200 Sixth Ave, Suite 155, 19-C04  
Seattle, WA 98101  
Phone: 206-553-6511

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**From:** Opalski, Dan <Opalski.Dan@epa.gov>  
**Sent:** Thursday, May 30, 2019 1:59 PM  
**To:** Roberto, Joseph <Roberto.Joseph@epa.gov>  
**Cc:** Chung, Angela <Chung.Angela@epa.gov>  
**Subject:** FW: Warm Springs Water Treatment- Boil Water Notice issued- Major loss of Pressure in the system

I am not quite sure how to interpret this....

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**From:** Duvil, Ricardi  
**Sent:** Thursday, May 30, 2019 12:32 PM  
**To:** Contreras, Peter <Contreras.Peter@epa.gov>; Steiner-Riley, Cara <Steiner-Riley.Cara@epa.gov>; Baron, Adam <Baron.Adam@epa.gov>; Thurmon, Clarke <Thurmon.Clarke@epa.gov>; Skadowski, Suzanne <Skadowski.Suzanne@epa.gov>; Wilson, Wenona <Wilson.Wenona@epa.gov>; Kowalski, Edward <Kowalski.Edward@epa.gov>; Dunbar, Bill <dunbar.bill@epa.gov>; MacIntyre, Mark <Macintyre.Mark@epa.gov>  
**Cc:** Roberto, Joseph <Roberto.Joseph@epa.gov>; Lidgard, Michael <Lidgard.Michael@epa.gov>; Chung, Angela <Chung.Angela@epa.gov>; Opalski, Dan <Opalski.Dan@epa.gov>  
**Subject:** RE: Warm Springs Water Treatment- Boil Water Notice issued- Major loss of Pressure in the system

Hi All:

I wanted to let you know that **Adam Baron** will take the lead in all matters associated with Warm Springs Water treatment Plant starting June 10, 2019. I will be around for technical support but Adam is your guy now.

Cheers,

Ricardi Duvil, Ph.D., P.E.  
Environmental Engineer  
U.S. Environmental Protection Agency  
Office of Water and Watersheds  
Drinking Water Unit, Region 10  
1200 Sixth Ave., Suite 155, OWW-193  
Seattle, WA 98101  
Phone: (206)-553-2578  
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**From:** Duvil, Ricardi

**Sent:** Thursday, May 30, 2019 11:19 AM

**To:** Contreras, Peter <[Contreras.Peter@epa.gov](mailto:Contreras.Peter@epa.gov)>; Steiner-Riley, Cara <[Steiner-Riley.Cara@epa.gov](mailto:Steiner-Riley.Cara@epa.gov)>; Baron, Adam <[Baron.Adam@epa.gov](mailto:Baron.Adam@epa.gov)>; Thurmon, Clarke <[Thurmon.Clarke@epa.gov](mailto:Thurmon.Clarke@epa.gov)>; Skadowski, Suzanne <[Skadowski.Suzanne@epa.gov](mailto:Skadowski.Suzanne@epa.gov)>; Wilson, Wenona <[Wilson.Wenona@epa.gov](mailto:Wilson.Wenona@epa.gov)>; Kowalski, Edward <[Kowalski.Edward@epa.gov](mailto:Kowalski.Edward@epa.gov)>; Dunbar, Bill <[dunbar.bill@epa.gov](mailto:dunbar.bill@epa.gov)>; MacIntyre, Mark <[Macintyre.Mark@epa.gov](mailto:Macintyre.Mark@epa.gov)>

**Cc:** Roberto, Joseph <[Roberto.Joseph@epa.gov](mailto:Roberto.Joseph@epa.gov)>; Lidgard, Michael <[Lidgard.Michael@epa.gov](mailto:Lidgard.Michael@epa.gov)>; Chung, Angela <[Chung.Angela@epa.gov](mailto:Chung.Angela@epa.gov)>; Opalski, Dan <[Opalski.Dan@epa.gov](mailto:Opalski.Dan@epa.gov)>

**Subject:** Warm Springs Water Treatment- Boil Water Notice issued- Major loss of Pressure in the system

Hi All:

It's me again with Warm Springs-

This morning, Alyssa Macy, COO of the Confederated Tribe of Warm Springs , notified EPA DW that a major loss of pressure has occurred in the system. At this time, the source of the problem has not been identified, but staff believes it could be a major water main break somewhere. Given how quickly the water pressure decreased in the system and the uncertainty around the root cause of this low pressure, Alyssa has agreed to take all the necessary actions to prevent cross-contamination in the distribution system in order to protect public health.

**The following are the steps EPA R10-DW has taken after WSWTP informed EPA about the water main break this morning:**

- 1) EPA R10 -DW informed WSWTP to issue a boil water notice immediately – Tier 1 Public Notice (Warm Springs agreed )- The boil water notice was issued a few minutes ago.
- 2) EPA R10 -DW requested WSWTP to perform a root cause analysis as soon as possible and Warm Springs will provide to EPA DW a corrective action plan to address this issue.
- 3) EPA R10 -DW informed WSWTP to flush the entire distribution system to remove sediment and other deposits that may slowly build up on the inside the water mains causing discolored water.
- 4) EPA R10-DW requested (BacT) samples and chlorine residual must be taken at the entry point and throughout the distribution system to confirm the water is no longer a threat to public health. Sample locations will be specified by EPA DW
- 5) EPA R10 -DW informed WSWTP that the boil water notice will stay in effect until EPA R10 DW receives the following: a) Repair Completion Report, b) BacT and chlorine residual results.

Due to the age of Warm Springs's distribution system, water mains breaks/low pressure are unavoidable. We will continue to monitor the situation, wait for lab results to arrive , and reconvene when we have enough information to lift the boil water.

Cheers,

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